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UNITED STATES DEPARTMENT OF AGRICULTURE,
FOREST SERVICE.

U. S.

HENRY S. GRAVES, Forester.

October Field Program, 1916.

This program of field work and assignments in the Forest Service is issued quarterly, on the 15th day of July, October, January, and April, and is for the exclusive use of members of the Service and cooperating bureaus. The names of members whose assignments are not yet fixed are necessarily omitted. All orders and other instructions printed in the Field Program will apply to all districts.

It is requested that the members of the Forest Service cooperate in making this program complete and accurate.

Unless the address of a member is given in this program or is definitely known, he should be addressed in care of the Forest Service, Washington, D. C.

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STUDIES.—R. R. HILL, grazing examiner.

LANDS.—FRANK C. W. POOLER, assistant district forester; MORTON M. CHENEY and FRANK E. ANDREWS, national forest examiners. Classi-

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STUDIES.—MARK ANDERSON, grazing examiner.

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- Boise.**—E. GRANDJEAN, forest supervisor, Boise (WU-Am) ; Dana Parkinson, deputy forest supervisor.
- Cache.**—See Utah.
- Caribou.**—L. W. HASTINGS, forest supervisor, Montpelier (WU-Am) ; Herman Work, deputy forest supervisor. Grazing studies : W. V. Evans.
- Challis.**—DAVID LAING, forest supervisor, Challis (WU-Am) ; E. C. Sanford, deputy forest supervisor.
- Idaho.**—H. C. WILLIAMS, forest supervisor, McCall (WU-P) ; Lawrence J. Phelan, deputy forest supervisor ; H. B. Maris, forest examiner.
- Lemhi.**—C. I. HUDDLE, forest supervisor, Mackay (WU-Am).
- Minidoka.**—W. M. CAMPBELL, forest supervisor, Oakley (WU-Am) ; C. D. Simpson, forest examiner.
- Palisade.**—CHESTER B. MORSE, forest supervisor, St. Anthony (WU-Am) ; John Ingram, forest examiner.
- Payette.**—GUY B. MAINS, forest supervisor, Emmett (WU-Am) ; F. S. Moore, deputy forest supervisor.
- Salmon.**—JOHN A. PEARSON, forest supervisor, Salmon (WU-Am) ; S. S. Stewart, deputy forest supervisor.
- Sawtooth.**—M. S. BENEDICT, forest supervisor, Hailey (WU-Am) ; Herbert G. McPheters, deputy forest supervisor.
- Targhee.**—CHESTER B. MORSE, forest supervisor, St. Anthony (WU-Am) ; Samuel W. Stoddard, deputy forest supervisor.
- Weiser.**—J. B. LAFFERTY, forest supervisor, Weiser (WU-Am) ; A. E. Oman, forest examiner.

NEVADA.

- Humboldt.**—VERNON METCALF, forest supervisor, Elko (WU-WF). Grazing studies : C. E. Favre.
- Nevada.**—GEO. C. THOMPSON, forest supervisor, Ely (WU-WF).
- Ruby.**—VERNON METCALF, forest supervisor, Elko (WU-WF).
- Santa Rosa.**—VERNON METCALF, forest supervisor, Elko (WU-WF).
- Toiyabe.**—W. W. BLAKESLEE, forest supervisor, Austin (WU, P-WF) ; Raymond G. Steele, deputy forest supervisor, Manhattan.

UTAH.

- Ashley.**—W. M. ANDERSON, forest supervisor, Vernal (WU-WF) ; Chas. F. Evans, forest examiner.
- Cache.**—E. C. SHEPARD, forest supervisor, Logan (WU-Am) ; Edmund B. S. Spencer, deputy forest supervisor. Grazing studies : L. J. Palmer.

Dixie.—WM. M. MACE, forest supervisor, St. George (WU-WF).

Fillmore.—JOHN RAPHAEL, forest supervisor, Richfield (WU-WF); Bert L. Robiks, deputy forest supervisor; J. C. Roak, forest examiner.

Fishlake.—C. A. MATTSSON, forest supervisor, Salina (WU-WF); David A. Arrivee, deputy forest supervisor. Grazing studies: Bryant S. Martineau.

La Sal.—S. B. LOCKE, forest supervisor, Moab (WU-WF).

Manti.—B. E. MATTSSON, forest supervisor, Ephraim (WU-WF); Grazing studies: J. A. Willey.

Minidoka.—See Idaho.

Powell.—GEO. H. BARNEY, forest supervisor, Escalante (WU-WF).

Sevier.—J. W. HUMPHREY, forest supervisor, Panguitch (WU-WF); Wallace M. Riddle, deputy forest supervisor. Grazing studies: A. W. Stevens, T. B. Nichols, and H. W. Johnston.

Uinta.—A. W. JENSEN, forest supervisor, Provo (WU-WF); J. Carl Alfred, deputy forest supervisor; J. W. Stokes, forest examiner.

Wasatch.—CARL B. ARENTSON, forest supervisor, Salt Lake City (WU, P-Am, WF); W. W. Smith, deputy forest supervisor; Wm. F. Tribe, scaler, in charge of Standard Timber Co. sale.

WYOMING.

Teton.—R. E. MILLER, forest supervisor, Jackson (WU-Am).

Wyoming.—CHARLES A. BEAM, forest supervisor, Afton (WU-Am); L. F. Watts, forest examiner.

DISTRICT 5.

California and southwestern Nevada. Office, 114 Sansome Street, San Francisco, Cal.

COERT DUBOIS, district forester; F. H. FOWLER, district engineer; J. L. MATHIAS, assistant to district engineer; L. H. WHITEMAN, in charge information; CLARENCE WILEY, national forest inspector.

LAW.—Office of the Solicitor (Forest Service branch). H. P. DECHANT, assistant to the solicitor, in charge.

ACCOUNTS.—A. W. SMITH, district fiscal agent.

OPERATION.—ROY HEADLEY, assistant district forester; D. P. GODWIN, national forest examiner, assigned to fire protection; FREDERICK H. HAFLEY, telephone expert; EVAN W. KELLEY, national forest examiner; V. L. BONNER, deputy forest supervisor, assigned to road and entry surveys, etc.

C. C. MORRIS, highway engineer (Office of Public Roads and Rural Engineering).

MAINTENANCE.—FRANK HAYNIE.

SILVICULTURE.—T. D. WOODBURY, assistant district forester; L. W. HESS, office assistant; SWIFT BERRY, forest examiner; J. C. ELLIOTT, lumberman.

W. H. GALLAHER, forest examiner, reconnaissance.

RALPH HOPPING, national forest examiner; insect control.

E. P. MEINECKE, consulting pathologist; J. S. BOYCE, scientific assistant.

GRAZING.—C. E. RATCHFORD, assistant district forester.

STUDIES.—F. D. DOUTHITT, grazing examiner.

LANDS.—L. A. BARRETT, assistant district forester; CHAS. S. BROTHERS, assistant; W. H. FRIEDHOFF, mineral examiner. Land classification: S. N. STONER, national forest examiner, in charge of district; J. O. MORROW, national forest examiner, in charge of field party; CARY HILL, forest examiner. Entry surveys: P. L. DAY, national forest examiner, surveyor.

PRODUCTS.—C. STOWELL SMITH, assistant district forester, in charge; C. A. KUPFER, forest examiner.

EXPERIMENT STATIONS.

Feather River, Plumas National Forest.—J. A. MITCHELL, forest examiner, in charge, Quincy, Cal; Stuart B. Show, forest examiner, assistant.

Converse, Angeles National Forest.—EDWARD N. MUNNS, forest examiner, in charge, Seven Oaks, Redlands, Cal.

NATIONAL FORESTS.

CALIFORNIA.

Angeles.—R. H. CHARLTON, forest supervisor, Los Angeles (WU, P-WF). California.—J. D. COFFMAN, forest supervisor, Oriental (WU via Willows-WF via Fruto); B. H. Mace, deputy forest supervisor.

Cleveland.—N. H. SLOANE, forest supervisor, Escondido (WU-WF).

Eldorado.—EDWARD I. KOTOK, forest supervisor, Placerville (WU-WF).

Inyo.—A. H. HOGUE, forest supervisor, Bishop (WU-WF).

Klamath.—W. B. RIDER, forest supervisor, Yreka (WU-WF); Knowler Mills, forest examiner.

Lassen.—W. J. RUSHING, forest supervisor, Red Bluff (P-WF); M. R. Tillotson, deputy forest supervisor.

Modoc.—W. G. DURBIN, forest supervisor, Alturas (WU-WF); Oscar M. Evans, forest examiner.

Mono.—See Nevada.

Monterey.—HAMILTON G. MERRILL, forest supervisor, King City (WU-WF).

Plumas.—D. N. ROGERS, forest supervisor, Quincy (WU-Am); Frank B. Cayot, deputy forest supervisor; George R. Orr and Reese W. Taylor, forest examiners.

Santa Barbara.—J. R. HALL, forest supervisor, Santa Barbara (P-WF).

Sequoia.—S. W. WYNNE, forest supervisor, Bakersfield (WU-WF); F. P. Cunningham, deputy forest supervisor; George W. Lyons, forest examiner.

Shasta.—R. F. HAMMATT, forest supervisor, Sisson (P-WF); Belknap C. Goldsmith, forest examiner; C. H. Ensign, scaler. Pilgrim Creek Nursery.

Sierra.—M. A. BENEDICT, forest supervisor, Northfork (WU via Friant-WF via Friant); Chester E. Jordan, deputy forest supervisor; D. C. Birch and Ernest G. Dudley, forest examiners.

Stanislaus.—R. W. AYRES, forest supervisor, Sonora (WU-WF); T. C. West, deputy forest supervisor; J. V. Wulff, forest examiner.

Tahoe.—R. L. P. BIGELOW, forest supervisor, Nevada City (WU-WF); W. A. Merrill, deputy forest supervisor; L. T. Larsen, forest examiner.

Trinity.—W. A. HUESTIS, forest supervisor, Weaverville (WU-WF); Ernest V. Jotter, forest examiner.

NEVADA.

Eldorado.—See California.

Inyo.—See California.

Mono.—WM. M. MAULE, forest supervisor, Gardnerville (WU-WF).

Tahoe.—See California.

DISTRICT 6.

Washington, Oregon, and Alaska. Office, Beck Building, Portland, Oreg.

GEO. H. CECIL, district forester; LEONARD LUNDGREN, district engineer; A. G. JACKSON, education.

LAW.—Office of the Solicitor (Forest Service branch). W. F. STALEY, assistant to the solicitor, in charge.

ACCOUNTS.—A. H. COUSINS, district fiscal agent.

OPERATION.—C. H. FLORY, assistant district forester; Shirley Buck, national forest inspector.

MAINTENANCE.—H. M. WHITE.

M. L. MERRITT, assistant in improvement work; C. M. ALLEN, telephone engineer.

GEOGRAPHY.—ALLEN H. HODGSON.

FIRE STUDIES.—W. B. OSBORNE, deputy forest supervisor; NORMAN G. JACOBSON, forest examiner.

B. J. FINCH, senior highway engineer (Office of Public Roads and Rural Engineering).

SILVICULTURE.—F. E. AMES, assistant district forester; W. H. GIBBONS, investigation of logging costs; W. T. ANDREWS and C. H. WOODCOCK, logging engineers; L. A. NELSON and EDWIN C. ERICKSON, lumbermen; A. J. JAENICKE, insect control.

PLANTING.—J. F. KÜMMEL and W. H. LEVE, forest examiners.

FOREST INVESTIGATIONS.—T. T. MUNGER, forest examiner.

GRAZING.—T. P. MACKENZIE, assistant district forester; J. L. PETERSON, grazing examiner.

LANDS.—C. J. BUCK, assistant district forester.

CLAIMS.—W. M. H. WOODWARD, mineral examiner.

SETTLEMENT.—A. H. WRIGHT, national forest examiner.

USES AND STATIONS.—FRANK A. LAW, Jr., clerk.

LAND CLASSIFICATION.—J. ROY HARVEY, national forest examiner.

ENTRY SURVEYS.—W. M. H. WOODWARD, mineral examiner.

WASHINGTON STATE LAND EXCHANGE.—STANTON G. SMITH, forest supervisor.

PRODUCTS.—H. B. OAKLEAF, in charge; CLAUDE E. GREIDER and C. W. GOULD, Portland; C. W. ZIMMERMAN, CORNELIUS BARRY, and E. G. SNELL, Seattle, Wash.

EXPERIMENT STATION.

Wind River, Columbia National Forest.—JULIUS V. HOFMANN, forest examiner, in charge, Stabler, Wash.

NATIONAL FORESTS.

ALASKA.

Chugach.—W. G. WEIGLE, forest supervisor, Ketchikan (SC, U. S. A., WU-AP, Am); Thomas M. Hunt, forest supervisor, Seward (WU, P-WF).

Tongass.—W. G. WEIGLE, forest supervisor, Ketchikan (SC, U. S. A., WU-AP, Am); George L. Drake, deputy forest supervisor; R. E. Kan Smith, forest examiner.

OREGON.

Cascade.—C. R. SEITZ, forest supervisor, Eugene (WU, P-WF); B. F. Heintzleman, deputy forest supervisor.

- Crater.**—M. L. ERICKSON, forest supervisor, Medford (WU, P-WF); A. E. Cohoon, deputy forest supervisor; H. D. Foster, Bruce Hoffman, O. F. Ericson, forest examiners.
- Deschutes.**—W. W. G. HASTINGS, forest supervisor, Bend (WU, P); V. V. Harpham, deputy forest supervisor; W. J. Sproat, forest examiner.
- Fremont.**—GILBERT D. BROWN, forest supervisor, Lakeview (WU via Reno, Nev-P, WF); R. A. Bradley, deputy forest supervisor.
- Klamath.**—See California.
- Malheur.**—CY. J. BINGHAM, forest supervisor, John Day (WU via Baker-Am, WF via Baker).
- Minam.**—EPHRAIM BARNES, forest supervisor, Baker (WU-Am); W. E. White, forest examiner.
- Ochoco.**—HOMER ROSS, forest supervisor, Prineville (WU, PT & T-Am).
- Oregon.**—T. H. SHERRARD, forest supervisor, Portland (WU, P-Am, WF, N); Ralph S. Shelley, deputy forest supervisor; C. B. Neal, forest examiner.
- Santiam.**—C. C. HALL, forest supervisor, Albany (WU, P-WF); A. R. Wilcox, forest examiner.
- Siskiyou.**—N. F. MACDUFF, forest supervisor, Grants Pass (WU, P-WF); D. B. Reynolds, deputy forest supervisor; H. A. Haefner, forest examiner.
- Siuslaw.**—H. B. RANKIN, forest supervisor, Eugene (WU, P-WF); C. T. Beach, deputy forest supervisor; H. M. Johnson and L. B. Pagter, forest examiners.
- Umatilla.**—W. W. CRYDER, forest supervisor, Pendleton (WU, P-Am); F. B. Kellogg, forest examiner.
- Umpqua.**—S. C. BARTRUM, forest supervisor, Roseburg (WU, P-WF); George Bonebrake, deputy forest supervisor; R. S. Wallace, Geo. A. Bright, forest examiners; Robt. Craig, jr., national forest examiner.
- Wallowa.**—H. W. HARRIS, forest supervisor, Wallowa (WU-Am); N. J. Billings, deputy forest supervisor.
- Wenaha.**—See Washington.
- Whitman.**—R. M. EVANS, forest supervisor, Sumpter (WU via Baker-Am, WF via Baker); F. A. Matz, deputy forest supervisor; T. J. Starker, A. A. Griffin, forest examiners.

WASHINGTON.

- Chelan.**—E. H. MACDANIELS, forest supervisor, Chelan (PT & T-Am, GN via Wenatchee).
- Columbia.**—F. H. BRUNDAGE, forest supervisor, Portland, Oreg. (WU, P-Am, WF, N); L. Wernsted, forest examiner.

- Colville.**—C. C. REID, forest supervisor, Republic (WU, P-Am, GN) ; F. W. Cleator, deputy forest supervisor.
- Okanogan.**—H. M. HALE, forest supervisor, Okanogan (PT & T-Am, GN via Wenatchee) ; L. E. McDaniels, deputy forest supervisor.
- Olympic.**—R. L. FROMME, forest supervisor, Olympia (WU, P-Am, GN, N) ; A. A. Parker, deputy forest supervisor ; E. J. Hanzlik, Geo. W. Hutton, F. S. Fuller, forest examiners.
- Rainier.**—G. F. ALLEN, forest supervisor, Tacoma (WU, P-Am, N) ; P. T. Harris, deputy forest supervisor ; A. F. Kerr, forest examiner.
- Snoqualmie.**—LEWIS A. TREEN, Jr., acting forest supervisor, Seattle (WU, P-N, GN, WF) ; E. J. Fenby, forest examiner.
- Washington.**—C. H. PARK, forest supervisor, Bellingham (WU, P-Am, GN, N) ; R. L. Campbell, deputy forest supervisor.
- Wenaha.**—J. M. SCHMITZ, forest supervisor, Walla Walla (WU-Am, N).
- Wenatchee.**—A. H. SYLVESTER, forest supervisor, Leavenworth (WU-Am, GN) ; W. K. Ramsdell, forest examiner.

DISTRICT 7.

Arkansas, Florida, Oklahoma, South Carolina, Georgia, North Carolina, Tennessee, Virginia, West Virginia, New Hampshire, Porto Rico. Office, Atlantic Building, Washington, D. C.

WM. L. HALL, district forester ; FRANKLIN W. REED, assistant district forester ; H. O. STABLER, assistant district forester ; FRANCIS KIEFER, assistant district forester ; W. F. HILL, deputy forest supervisor ; S. L. WOLFE, forest examiner, in charge of products ; E. L. LINDSAY, forest examiner, exhibits.

NATIONAL FORESTS.

ARKANSAS.

- Arkansas.**—R. C. HUEY, forest supervisor, Hot Springs (WU, P-WF, P) ; E. J. Mead, deputy forest supervisor.
- Ozark.**—E. V. CLARK, forest supervisor, Harrison (WU-WF) ; C. J. Heller, forest examiner.

FLORIDA.

- Florida.**—I. F. ELDREDGE, forest supervisor, Pensacola, Fla. (WU, P) ; L. L. Bishop, forest examiner, land classification.

OKLAHOMA.

- Wichita.**—FRANK RUSH, forest supervisor, Cache (WU-WF)..

PORTO RICO.

Luquillo.—(Not under administratiton.)

PURCHASE AREAS.

Boone.—J. J. FRITZ, forest examiner, in charge, Marion, N. C. (WU, P-So).

Cherokee.—H. L. JOHNSON, forest examiner, in charge, Etowah, Tenn. (WU, P-Ad).

Georgia.—H. G. SPAHR, forest examiner, in charge, Blue Ridge, Ga. (WU, P-Ad).

Massanutten.—E. D. CLARK, forest examiner, in charge, Woodstock, Va. (WU, P-So).

Monongahela.—W. A. HOPSON, forest examiner, in charge, Elkins, W. Va. (WU, P-Ad).

Mount Mitchell.—J. J. FRITZ, forest examiner, in charge, Marion, N. C. (WU, P-So).

Nantahala.—R. F. HEMINGWAY, forest examiner, in charge, Andrews, N. C. (WU, P-So).

Natural Bridge.—J. H. FAHRENBACH, forest examiner, in charge, Buena Vista, Va. (WU, P-Ad, So).

Pisgah.—VERNE RHOADES, forest examiner, in charge, Asheville, N. C. (WU, P-So).

Potomac.—E. D. CLARK, forest examiner, in charge, Woodstock, Va. (WU, P-So).

Savannah.—R. W. SHIELDS, forest examiner, in charge, Clayton, Ga. (WU, P-So).

Shenandoah.—S. H. MARSH, forest examiner, in charge, Harrisonburg, Va. (WU, P-Ad, So).

Unaka.—E. P. BUSHNELL, forest examiner, in charge, Johnson City, Tenn. (WU, P-So).

White Top.—H. L. RUSSELL, forest examiner, acting in charge, Abingdon, Va. (WU, P-So).

White Mountain.—J. S. BENEDICT, forest examiner, in charge, Gorham, N. H. (WU, P-Am).

SERVICE CHANGES.

APPOINTED.

RESEARCH.—Laboratory: Lee Thompson, laboratory aid and engineer.

DISTRICT 1.—Atticus R. Sanders and David Lake, Jefferson, John De Haven, Nezperce, Allen W. Armstrong, Lolo, forest rangers; Irene A. Garland, Flathead, Charlotte Harris, Gallatin, Mary E. Isaminger, Kaniksu, clerks (stenographers and typewriters); Guy W. Furnish, messenger boy.

DISTRICT 2.—Harry R. Kylie, telephone engineer; Fred C. Hill, surveyor-draftsman; Robert H. Easterbrooks, Arapaho, forest assistant; Francis M. Harless, Battlement, Joseph C. McLeod, Black Hills, forest clerks; Charles L. Webber, Black Hills, Cassius M. Thomas, Cochetopa, Evan J. Williams, jr., Medicine Bow, forest rangers.

DISTRICT 3.—George Mutz, Alamo, forest ranger; Mary C. Stombs, Carson, Grace W. Williamson, Santa Fe, Rita Mathison, clerks (stenographers and typewriters).

DISTRICT 4.—John Bohnlofink, draftsman (topographic); Edna B. Malan, map colorist; Horace W. Shurtleff, messenger boy; Benjamin J. Hoffner, Nevada, forest clerk; Zilla N. Shepard, Payette, clerk, (stenographer and typewriter); Vern A. Bird, Ashley, Joseph L. Sheppard, and Ira C. Lambert, Wasatch, forest rangers.

DISTRICT 5.—Herbert L. Cox, Tahoe, Ruth Chalfen, clerks (stenographers and typewriters); Constantin L. Rixson, Monterey, forest clerk; Duncan Dunning, Shasta, forest assistant.

DISTRICT 6.—Clay M. Allen, telephone engineer; Ina F. Strock, telephone operator; William A. La Sater, Fremont, Alan K. Moody, Olympic, Albert K. Weisendanger and Arthur W. Parker, Oregon, Alfred R. Tyler, Wenatchee, forest rangers; E. E. Harpham, Olympic, scaler.

PROMOTED IN RANK.

DISTRICT 1.—John B. Somers, Beaverhead, forest examiner to forest supervisor; D. L. Beatty, Lewis and Clark, deputy forest supervisor to forest supervisor; A. Price Townsend, Lewis and Clark, forest ranger to deputy forest supervisor; G. A. Schattenburg, forest clerk to deputy forest supervisor.

DISTRICT 2.—Dwight S. Jeffers, Arapaho, deputy forest supervisor to forest supervisor; Wm. O. Sauder, Cochetopa, Harold L. Borden,

Gunnison, Howard H. Richmond, Minnesota, Theodore Krueger, Nebraska, Richard T. Guthrie, Pike, forest assistants to forest examiners; Jay Higgins, Nebraska, forest examiner to forest supervisor; Frank A. Powell, Holy Cross, Hans N. Kleiber, Bighorn, assistant forester rangers to forest rangers; Ernest T. Wolf, Washakie, forest ranger to forest examiner.

DISTRICT 3.—T. Earl Wylder, Tusayan, forest ranger to deputy forest supervisor; Leo E. Anderson, Carson, Kenner C. Kartchner, Sitgreaves, assistant forester rangers to forest rangers.

DISTRICT 4.—William M. Mace, Manti, deputy forest supervisor to forest supervisor, Dixie; Bert L. Robins, Fillmore, forest ranger to deputy forest supervisor; William F. Tribe, Wasatch, forest ranger to scaler; John E. Salter, messenger boy to blue printer.

DISTRICT 5.—William M. Clingan, Sequoia, Frank V. Van Horn, Modoc, assistant forest rangers to forest rangers.

CHANGE IN DESIGNATION.

In accordance with the terms of the appropriation act effective August 11, 1916, the statutory designation of assistant forest ranger was changed to that of forest ranger.

DISTRICT 1.—D. M. Conner, deputy forest supervisor to national forest examiner; J. K. Dwinelle, Kootenai, forest supervisor to forest ranger.

DISTRICT 2.—Fred R. Johnson, forest supervisor to forest examiner; Arthur F. C. Hoffman, San Juan, forest examiner to deputy forest supervisor.

DISTRICT 6.—Robert H. Weitknecht, assistant forest ranger to forest assistant; Thomas M. Hunt, Chugach, deputy forest supervisor to supervisor.

RESIGNED.

ACQUISITION.—F. A. Spencer, transitman.

RESEARCH.—Laboratory: Robert C. Palmer, chemist in forest products; Homer Cloukey, assistant chemist in forest products.

DISTRICT 1.—C. K. Wyman, Beaverhead, forest supervisor; Talmage E. Miller, Blackfeet, deputy forest supervisor; J. A. Cope, Flathead, forest assistant; Walter A. Donaldson and Samuel R. Hays, Jefferson, Frank W. Syler, Kootenai, Horace B. Yerkes, Nezperce, forest rangers, George F. Mills, Beartooth, Ralph W. Smith, Beaverhead, Francis C. Porter, Flathead, Gustav H. Wiese, Lewis and Clark, forest clerks; John W. Pierson, messenger boy.

DISTRICT 2.—Wm. G. Baxter, Sopris, Charles L. Smith, Bighorn, forest supervisors; Willis C. Danielson, surveyor-draftsman; Berney F. Kitt, civil engineer and draftsman; Lawrence Nelson, transitman; Solon D. Ackley, Holy Cross, Vernon C. Sheffield, Black Hills, Albert

H. Hoffman, San Isabel, forest rangers; Harold A. Speidel, Colorado, Albro K. Cowles, Harney, assistant forest rangers; Nora D. Booth, Black Hills, Evalyn Eddy and Bertha S. Kaltenback, clerks (stenographers and typewriters); Gordon Fincannon, Bighorn, clerk (typewriter).

DISTRICT 3.—Clifford W. McKibbin, forest examiner; Athol A. Wynne, lumberman; Bertha L. Marckhoff and Anna H. Myers, clerks (stenographers and typewriters); Charley C. Hill, Carson, Robert W. Reid, Gila, George A. Churchwell, Prescott, Richard H. Kennerdell, Lewis C. Way, and Robert H. Zeiger, Tusayan, forest rangers; Harry J. Yardley, Carson, forest clerk; Grace Johnston, Santa Fe, Carroll Z. Wight, Sitgreaves, Charles E. Toupain, Tonto, clerks (typewriters); John K. Kidd, Tusayan, scaler.

DISTRICT 4.—Scipha Bert Arthur, Humboldt, forest supervisor; Herbert F. Aldridge, draftsman (copyist, topographic); Naomi A. Dobson, clerk (stenographer and typewriter); Nelson B. Lundwall, Dixie, forest clerk; Walter F. Gaekel, Idaho, Robert F. Hall, Powell, Earl R. Gilbreath, Salmon, Alvin E. Harris, Palisade, Noel C. Heath, Uinta, Simon Kinney, Minidoka, Liew L. Lindsey, Humboldt, Charles McKelvey, Challis, Arthur P. Say, Cache, forest rangers.

DISTRICT 5.—Gertrude Emmerich, Tahoe, Elizabeth Morrisroe, clerks (stenographers and typewriters); Henry H. Chapman, Lassen, clerk; Harley E. Dillinger, Eldorado, forest clerk; Nickles C. Matzen, Cleveland, Fred W. Graham, Shasta, forest rangers; Obert O. Bundy, California, Will L. Baughman, Sierra, assistant forest rangers; Douglas K. Noyes, forest examiner; Abraham Louis Ginsburg, Plumas, clerk (stenographer and typewriter).

DISTRICT 6.—Clarence P. Willis, forest examiner; Henry Soll, Oregon, forest ranger; Victor H. W. Flach, messenger boy; James J. Randall, Minam, clerk (stenographer and typewriter).

With deep regret announcement is made of the death of Mrs. Elsie C. Lipman, clerk, San Francisco, Cal., September 9, 1916.

SERVICE NOTES FOR OCTOBER.

These notes contain instructions and necessary information to forest officers, and will therefore be carefully read and kept on file for reference.

LAW.

OFFICE OF THE SOLICITOR.

Law Cases in District 1—

United States *v.* Mike and Frank Ault: Grazing trespass, civil, Absaroka National Forest. Case closed upon receipt of \$60, value of forage consumed.

United States *v.* Great Northern Railway Co., Winston Bros. Co., and C. W. Werdenhoff: Fire trespass, civil, Lewis and Clark National Forest. Case tried in Federal court, Great Falls, Mont., September 15 to 26, inclusive. Verdict by jury in favor of United States, sum of \$50,000 and costs; costs not yet ascertained.

Law Cases in District 2—

United States *v.* Millwood Lumber Co.: Timber trespass, Montezuma National Forest. Case closed upon payment of \$173.39.

United States *v.* William Hemmerle: Grazing trespass, White River National Forest. Settled by payment of \$23.78.

United States *v.* Roerig, Dunwoody, and Kirtley: Fire trespass, Pike National Forest. Defendants, after preliminary hearing before United States commissioner, were each held under \$200 bond to appear at November term of court, Denver, Colo.

State of Colorado *v.* Joseph Luro and Tony Favallero: Property trespass, Pike National Forest. Defendants were charged, under the laws of the State of Colorado, with malicious mischief, in that they willfully defaced the walls of a ranger station house and barn by firing into same. They were also charged with having hunted without first securing a license under the laws of the State. They were taken before a local justice of the peace and fined the sum of \$70 and costs, a total of \$97, which was paid.

Law Cases in District 3—

United States *v.* Maxwell & Lahann: Grazing trespass, Manzano National Forest. Case closed on payment of \$98.67, the value of the forage.

United States *v.* Bronson McMahon: Grazing trespass, Apache National Forest. Case closed on payment of \$125, the value of the forage.

United States *v.* Colin Campbell: Grazing trespass, Prescott National Forest. Case closed on payment of \$2.70, the value of the forage.

United States *v.* Joe W. Jackson: Grazing trespass, Alamo National Forest. Case closed on payment of \$12.75, the value of the forage.

United States *v.* W. R. Harris: Grazing trespass, Lincoln National Forest. Case closed on payment of \$150, the value of the forage.

United States *v.* R. E. and G. H. Daggs: Grazing trespass, Prescott National Forest. Case closed on payment of \$60, the value of the forage.

United States *v.* N. J. and B. A. Cameron: Occupancy trespass, criminal, Tusayan National Forest. Informations filed charging these defendants with engaging in the livery business on an unpatented mining claim without permit. Defendants arrested and released under \$500 bond. Defendants' demurrers to informations argued and matter taken under advisement by judge.

United States *v.* Medler Bros.: Grazing trespass, Tonto National Forest. Temporary injunction granted directing defendants to gather all trespassing cattle and remove them from the forest before November 15, 1916.

United States *v.* Constantina Santander: Grazing trespass, Prescott National Forest. Defendant entered plea of guilty and fined \$50.

Law Cases in District 4—

United States *v.* Pete Ami: Grazing trespass, Sawtooth National Forest. Settled by payment of \$25 actual damages.

United States *v.* J. L. Blackburn: Grazing trespass, Humboldt National Forest. Settled by payment of \$3.60 actual damages.

United States *v.* J. W. Christensen: Grazing trespass, Manti National Forest. Settled by payment of \$4.25 actual damages.

United States *v.* Roy Colby: Grazing trespass, Fishlake National Forest. Settled by payment of \$12.12 actual damages.

United States *v.* T. C. Catlin: Grazing trespass, Boise National Forest. Settled by payment of \$100 actual damages.

United States *v.* Hylton & Clayton Bros.: Grazing trespass, Humboldt National Forest. Settled by payment of \$9.59 actual damages.

United States *v.* J. Heaton & Sons: Fire trespass, Sevier National Forest. Settled on payment of \$20.66, value of timber destroyed.

United States *v.* Edward B. Franklin: Occupancy trespass. Injunction granted August 11 in the United States District Court for Arizona, prohibiting interference with watering of sheep in Wolf Hole Lake pending decision of Land Office on claim of Franklin.

Law Cases in District 5—

United States *v.* F. W. Simpson: Grazing trespass, Mono National Forest. Paid \$46 in full settlement of trespass.

United States *v.* C. E. Wedertz: Grazing trespass, Mono National Forest. Paid \$62 in full settlement of trespass.

United States *v.* C. D. Danahar Pine Co.: Timber trespass, Eldorado National Forest. Received \$304.40 in full settlement.

United States *v.* J. C. Baxter: Fire trespass, Inyo National Forest. Damages in the sum of \$59.40 received in full settlement.

United States *v.* J. H. Johnson: Grazing trespass, Modoc National Forest. Received \$20.54 in full settlement.

United States *v.* G. K. King: Grazing trespass, Shasta National Forest. Received \$31.66 in full settlement.

United States *v.* Sloat Lumber Co.: Timber trespass, Plumas National Forest. Payment in full in the sum of \$21.44 received.

United States *v.* Johnson Bros.: Grazing trespass, Eldorado National Forest. Settlement in full in the sum of \$14.28 received.

United States *v.* J. J. Elgorriaga: Grazing trespass, Plumas National Forest. Judgment for \$52.33 and \$42.40 costs. Settlement made and case closed.

United States *v.* J. H. Porter and the Altoona Quicksilver Co.: Timber trespass, Shasta National Forest. Verdict of jury for Government for \$11,400 and costs.

United States *v.* Nels Swanson and Ole Swanson: Condemnation suit for road right of way, Trinity National Forest. Condemnation decreed. Awards of \$400 and \$150, respectively, in favor of the defendants.

Law Cases in District 6—

United States *v.* Noble Holcomb: Grazing trespass, Minam National Forest. On August 16, 1916, Noble Holcomb paid damages in the sum of \$3.50, in full settlement of the claims of the United States.

United States *v.* G. W. Densley: Grazing trespass, Minam National Forest. On August 21, 1916, G. W. Densley paid damages in the sum of \$9.45, in full settlement of the claims of the United States.

United States *v.* John Brown: Occupancy trespass, Washington National Forest. On September 23, Judge Neterer, of the United States District Court for the Western District of Washington, issued an injunction against the defendant enjoining him from going upon or improving under claim of settlement any portions of sections 7 or 8, township 39 north, of range 7 east, W. M., except in compliance with the rules and regulations of this department. Brown commenced the occupancy of said land without a permit and refused to discontinue his trespass when an application subsequently filed under the forest homestead act of June 11, 1906, was rejected.

United States *v.* David B. McAuliffe: Grazing trespass, Fremont National Forest. On September 23, 1916, David B. McAuliff paid the United States attorney for Oregon \$146 in full settlement of the claim of the United States as follows: Forage value, \$96; punitive damages, \$50.

SERVICE PUBLICATIONS ISSUED.

Farmers' Bulletin 744.—The Preservative Treatment of Farm Timbers.
Unnumbered publication.—Instructions for the Scaling and Measurement of National Forest Timber (revision).

Yearbook Extract 662.—Pointers on Marketing Woodlot Products.

Yearbook Extract 670.—Osage Orange Waste as a Substitute for Fustic Dyewood.

Yearbook Extract 678.—Improvement and Management of Native Pastures in the West.

Recreation map of Eldorado National Forest.

Recreation map of Lassen National Forest.

Recreation map of Malheur National Forest.

Recreation map of Plumas National Forest.

Recreation map of Sierra National Forest.

Recreation map of Tahoe National Forest.

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